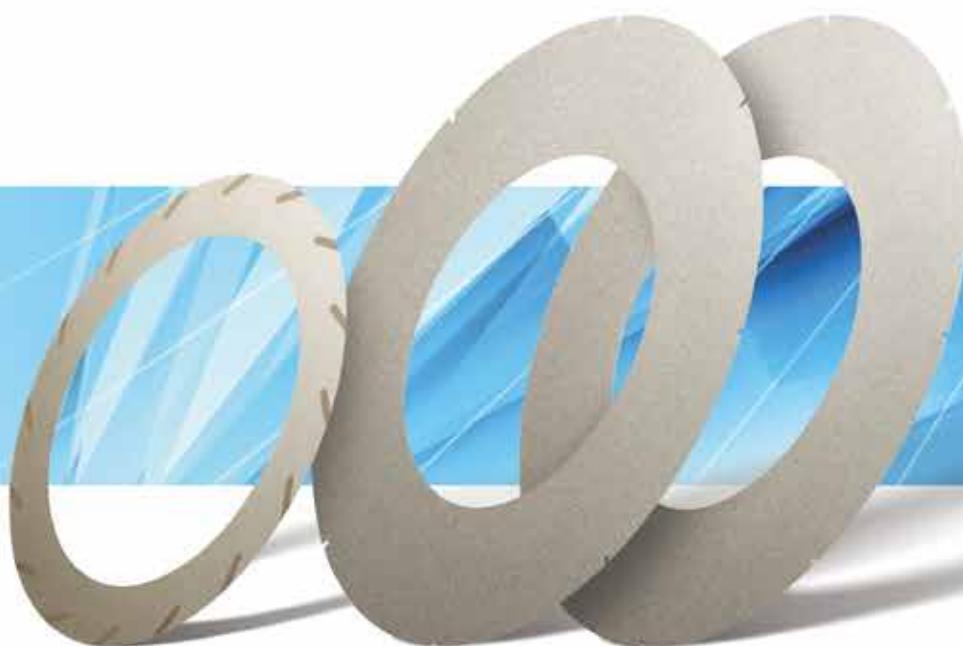


PRECISION ACCRETECH BLADE
NICKEL BOND BLADES
MN type

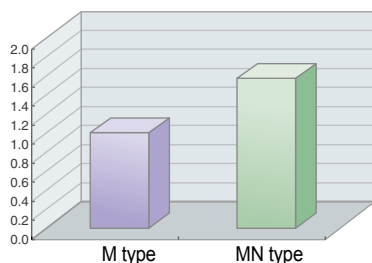


It is the evolutionary version of the standard type in response to the needs of the ultra-thin blade
MN type has realized the rigidity of more than 1.5 times succeeding the standard bond lineup and enables the high-speed cutting.

- Based on the standard type, rigidity was upgraded to its limit and straightness was improved.
- Realized a high quality cutting surface by controlling the amount of grit protrusion on the lateral face of the blade.
- Decrease in the grit shedding on the lateral face of the blade contributed to prevent the blade from becoming thinner.
- Effective for the restraint of the cutting powder adhesion on the blade surface
- Cutting ability may improve by the special slit.

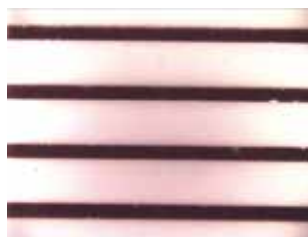


■ Processing example Nickel blade (MN type)



■ Rigidity comparison

MN type has realized the rigidity of more than 1.5 times succeeding the standard bond line up and enables the high-speed cutting with ultra thin blade of increasing needs.



■ Green sheet processing example

MN type enables cutting in good condition even if the intermediate dress frequency is decreased by preventing shape change of blade due to the falling abrasive grains on the side and by minimizing mistakes on and adhesion to the blade.



■ Specification

1A8	S	
Shape	Slit	
D	8/16	- MMN
Grit type	Grit size	Type

■ Type

HMN	High concentration type
MMN	Standard concentration type
SMN	Low concentration type

■ Slit

S	Standard type
SN	Slant type
SH	Half type

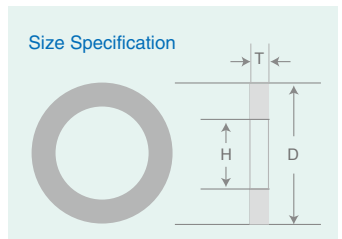
■ Dimension

56D	0.05T	40H	2d	1W	16N
O.D.	Blade thickness	I.D.	Depth of slit	Width of slit	No. of slit

■ Standard Dimension

O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 100	+ 0.02 - 0	0.05 to ≤ 0.2	± 0.005	25.4 to 88.9	H6

*Note: Our company will select the type of half slit.



■ Availability by grit size

Grit size (um)	Mesh size	HMN	MMN	SMN
8/16	1000	•	•	•
8/20	800	•	•	•
12/25	700	•	•	•
20/30	600	•	•	•
30/40	500	•	•	•
40/60	400	•	•	•

■ Available blade thickness by grit size

Grit size (um)	Mesh size	Blade thickness (mm)				
		0.05 to <0.06	0.06 to <0.08	0.08 to <0.1	0.1 to <0.12	0.12 to <0.2
5/10	1300	•	•	•	•	•
6/12	1200	•	•	•	•	•
8/16	1000	•	•	•	•	•
8/20	800	•	•	•	•	•
12/25	700	•	•	•	•	•
20/30	600	•	•	•	•	•
30/40	500	•	•	•	•	•
40/60	400	•	•	•	•	•

■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) Shape and size/ Detailed blade shape and precision.
- 2) Specifications/ Desired specification as well as the current in-use blade.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.